



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.3912

Job Sheet 191690



Part No: 646.3912

Job Qty: 12 pcs

Part Name: Shim



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/6/19

Job Tracking No:

Due Date: 4/2/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV N/C 1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	Waterjet - Flow - 1	12 pcs	4/2/19	4/2/19	0.00	0.27	Waterjet - Flow	02/19/05/15
120	QC 2	12 pcs	4/2/19	4/2/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	02/19/05/15
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 54	
							QC 2 - 56	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S181461



Part: 646.3912

Job No: 191690

Serial No/Batch: S181461

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 05/27/19

Plex 3/6/19 11:50 AM Dart.lajeunesse.marie

130 QC 8	12 pcs	4/2/19	0.00 0.00	QC 2 - 64	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				DAS	
				MAY 15 2019 40	
KA 2019-05 9-89 - 17					
140 Outsource - 3 - Cadplate	12 pcs	4/2/19		GRO002-VC	10
150 Packaging 2-1 - Receive - B4B 12 pcs	4/2/19	0.00 0.00	Packaging 2 - 1 - B4B		
			Packaging 2 - 2 - B4B		
			Packaging 2 - 3 - B4B		
			Packaging 2 - 5 - B4B		
			Packaging 2 - 4 - B4B		
			Packaging 2 - 6 - B4B		
			Packaging 2 - 7 - B4B		
			Packaging 2 - 8 - B4B		
			Packaging 2 - 9 - B4B		
			Packaging 2 - 10 - B4B		
			Packaging 2 - 11 - B4B		
			Packaging 2 - 12 - B4B		
			Packaging 2 - 13 - B4B		
			Packaging 2 - 14 - B4B		
			Packaging 2 - 15 - B4B		
			Packaging 2 - 16 - B4B		
			Packaging 2 - 17 - B4B		
			Packaging 2 - 18 - B4B		
			Packaging 2 - 19 - B4B		
			Packaging 2 - 20 - B4B		
			Packaging 2 - 21 - B4B		
			Packaging 2 - 22 - B4B		
			Packaging 2 - 23 - B4B		
			Packaging 2 - 24 - B4B		
			Packaging 2 - 25 - B4B		
			Packaging 2 - 26 - B4B		
			Packaging 2 - 27 - B4B		
			Packaging 2 - 28 - B4B		
			Packaging 2 - 29 - B4B		
			Packaging 2 - 30 - B4B		
			Packaging 2 - 31 - B4B		
			Packaging 2 - 32 - B4B		
			Packaging 2 - 33 - B4B		
			Packaging 2 - 34 - B4B		
			Packaging 2 - 35 - B4B		
				Plex 3/6/19 11:50 AM Dart.lajeunesse.marie	

160 QC 6	12 pcs	4/2/19	0.00 0.00	Packaging 2 - 36 - B4B	
				QC 6 - 42	DAS
				QC 6 - 9	MAY 27 2019 40
				QC 6 - 68	9-89
170 Packaging 3-1 - Stock - B4B	12 pcs	4/2/19	0.00 0.00	QC 6 - 61	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	COK 105 89 MAY 27 2019
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	MAY 27 2019
180 QC 21 - SA	12 pcs	4/2/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-89

Part Op 110 - (Waterjet - Flow) 1-Cut as per Dwg
 Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - (Outsource process-Cadplate per QSI017 4.1.9.1) Issue P/O: _____ Cat Plating, CAD PLATE PER QQ-P-416, TYPE II, CLASS 2, CL2
 150 - (Receive & Inspect for Damage & Mat'l Certs)
 160 - (QC6- All purchased or subcontracted products)
 170 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***
 180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MC1095S.020	C1095 Blue Tempered Spring Steel Sheet .020	.2400 sf (.02 ea)	110-Waterjet - Flow - 1	S084057

Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
110-Waterjet - Flow - 1	MC1095S.020	0	13	0	
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Shim	1.000Inches ± 0.005	1.005 0.995	1.001	
2	Shim	2.900Inches ± 0.005	2.905 2.895	2.899	
3	Shim	0.020Inches ± 0.005	0.025 0.015	.019	

Plex 3/6/19 11:50 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Container No: S181461



Part: 646.3912

Job No: 191690

Serial No/Batch: S181461

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/15/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043491



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043491

PO Date: 5/17/19

Due Date: 5/24/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-05-20

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	191690	646.3912	Shim : Various STC's (Outsource process-Cadplate per QSI017 4.1.9.1) Issue P/O: Cat Plating, CAD PLATE PER QQ-P-416, TYPE II, CLASS 2, CL2	Firmed	-	5/24/19	30 pcs	0 pcs	30 pcs	\$14.75/pcs	\$442.50

30 X MAY 27 2019

[Signature]

DAS
40
9-89

Grand Total: \$442.50

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

[Signature]

Plex 5/21/19 2:16 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(019360-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupealtech.com

Bon de Livraison / Packing Slip

019360- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
22-May-2019		SVETLANA DORZHIYEVA		POHB043491 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	646.3912 ✓ Rev.	646.3912 CAD YELLOW PLATE PER QQ-P-416 TYPE 2 CLASS 2	CADMIUM CH	30	30 ✓	0	0	DAS 40 9-89
RECEIVED MAY 24 2019 DART AEROSPACE LTD.								

Notes Additionnelles / Additional Notes

1 BOX

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.